

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier version and listings.

Claims 1-5 (canceled)

Claim 6 (currently amended): An apparatus according to claim [[1]] 57, wherein said display means comprises search means for searching for the desired image data by designating attribute information appended to the image data, and wherein when a search is made by said search means, said display means displays a list of image data found by the search of said search means.

Claims 7-14 (canceled)

Claim 15 (currently amended): A method according to claim [[10]] 58, further comprising:

a display step of displaying the plurality of image data obtained as a result of the search performed on the plurality of stored image data contained in the image database; and

a search step of searching for the desired image data by designating attribute information appended to the image data, wherein the display step includes a step of displaying a list of image data obtained as a result of the search performed in said search step.

Claims 16-20 (canceled)

Claim 21 (currently amended): An apparatus according to claim [[20]] 60, wherein the color information of the image data is selected by said selection means by indicating one pixel in the image data.

Claim 22 (currently amended): An apparatus according to claim [[20]] 60, wherein the color information of the image data is selected by said selection means by indicating a predetermined region in the image data.

Claim 23 (previously presented): An apparatus according to claim 22, wherein the color information of the image data selected by indicating the predetermined region in the image data by said selection means is an average value of pixel values contained in a small region.

Claims 24 and 25 (canceled)

Claim 26 (currently amended): An apparatus according to claim [[20]] 60, wherein the color information of the image data selected by said selection means is selected on the basis of an image drawn on the drawing area.

Claim 27 (currently amended): An apparatus according to claim [[20]] 60, wherein said image feature amount computing means computes the image feature amount of the drawn image each time the image in the drawing area is modified.

Claim 28 (currently amended): An apparatus according to claim [[20]] 60, further comprising display control means for controlling a display of the drawing area within a display window displayed by said display means.

Claim 29 (canceled) An image search method for searching an image database for desired image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said method comprising:

an input step of inputting handwritten information;

a selection step of selecting color information of image data, designated by a user, from a plurality of image data displayed as a search result obtained by a search of the plurality of stored image data in the image database, wherein the search being performed on the basis of the handwritten information inputted in said input step;

an image feature amount computing step of computing an image feature amount of an image drawn in a drawing area, including the color information of the image data selected in said selection step; and

an image similarity computing step of computing an image similarity on the basis of the image feature amount computed in the image feature amount computing step and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 30 (currently amended): A method according to claim [[29]] 61, wherein the color information of the image data selected in said selection step is selected by indicating one pixel in the image data.

Claim 31 (currently amended): A method according to claim [[29]] 61,
wherein the color information of the image data selected in said selection step is selected
by indicating a predetermined region in the image data.

Claim 32 (previously presented): A method according to claim 31, wherein
the color information of the image data obtained by indicating the predetermined region in
said selection step is an average value of pixel values contained in a small region.

Claims 33 and 34 (canceled)

Claim 35 (currently amended): A method according to claim [[29]] 61,
wherein the color information of the image data selected in said selection step is selected
on the basis of an image drawn in the drawing area.

Claim 36 (currently amended): A method according to claim [[29]] 61,
wherein the image feature amount computing step includes a step of computing the image
feature amount of the drawn image every time the image in the drawing area is modified.

Claim 37 (currently amended): A method according to claim [[29]] 61,
further comprising:

 a display step of displaying the plurality of image data obtained from
 a search of the plurality of stored image data stored in the image database; and
 a display control step, of controlling to display the drawing area
 within a display window displayed in said display step.

Claims 38-49 (canceled)

Claim 50 (currently amended): An apparatus according to claim [[1]] 57,
wherein the image data selected by said selection means is copied in
a drawing area, and

wherein said image similarity computing means computes the image
similarity on the basis of an image feature amount, computed by said image feature amount
computing means, of the image data copied in the drawing area and the image feature
amounts of the plurality of stored image data stored in the image database.

Claim 51 (previously presented): An apparatus according to claim 50,
further comprising modifying means for modifying the image data copied in the drawing
area,

wherein said image similarity computing means computes the image
similarity on the basis of an image feature amount, computed by said image feature amount
computing means, of the image data modified by said modifying means and the image
feature amounts of the plurality of stored image data stored in the image database.

Claim 52 (currently amended): An apparatus according to claim [[1]] 57,
wherein the plurality of image data displayed by said display means is displayed on the
basis of the image similarity computed by said image similarity computing means.

Claim 53 (previously presented): An apparatus according to claim 50,
wherein the drawing area and the plurality of image data are displayed in the same window.

Claim 54 (canceled)

Claim 55 (previously presented): An image search apparatus for searching an image database for desired image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said apparatus comprising:

- an input device for inputting a search condition;
- a selector for selecting image data, designated by a user, from image data displayed as a result of a search, corresponding to the search condition input by said input device, of the plurality of stored image data from the image database;
- an image feature amount computer for computing an image feature amount of the image data selected by said selector; and
- an image similarity computer for computing an image similarity on the basis of the image feature amount computed by said image feature amount computer and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 56 (canceled)

Claim 57 (previously presented): An image search apparatus for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said apparatus comprising:

- receiving means for receiving a search condition;

display control means for controlling to display a plurality of image data obtained as a result of a search, corresponding to the search condition received by said receiving means, of the plurality of stored image data contained in the image database; selection means for selecting image data, designated by a user, from the plurality of image data displayed by said display means as a result of the search; image feature amount obtaining means for obtaining an image feature amount of the image data selected by said selection means; and image similarity computing means for computing an image similarity on the basis of the image feature amount obtained by said image feature amount obtaining means and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 58 (previously presented): An image search method for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said apparatus comprising:

a receiving step of receiving a search condition;

a selection step of selecting image data, designated by a user, from a plurality of image data displayed as a search result obtained by a search, corresponding to the search condition received in said receive step, obtained by a search of the plurality of stored image data contained in the image database;

an image feature amount obtaining step of obtaining an image feature amount of the image data selected by said selection means; and

an image similarity computing step of computing image similarity on the basis of the image feature amount obtained in said image feature amount obtaining step and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 59 (previously presented): A computer readable memory for storing a program executing an image search method for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said program comprising:

program code for receiving a search condition;
program code for selecting image data, designated by a user, from a plurality of image data displayed as a search result obtained by a search, corresponding to the search condition received by said receive program code, of the plurality of stored image data from the image database;

program code for obtaining an image feature amount of the image data selected by said selection program code; and

program code for computing image similarity on the basis of the image feature amount obtained in said image feature amount obtaining program code and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 60 (previously presented): An image search apparatus for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said apparatus comprising:

receiving means for receiving handwritten information;
display control means for controlling to display a plurality of image data obtained as a result of a search of the plurality of stored image data in the image database, the plurality of stored image data being searched on the basis of the handwritten information inputted by said input means;

selection means for selecting color information of image data designated by a user from the plurality of image data displayed by said display control means as a result of the search;

image feature amount computing means for computing an image feature amount of an image drawn in a drawing area, including the color information of the image data selected by said selection means; and

image similarity computing means for computing an image similarity on the basis of the image feature amount computed by said image feature amount computing means, and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 61 (previously presented): An image search method for searching an image database for image data, the image database containing a plurality of stored image

data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said method comprising:

 a receiving step of receiving handwritten information;

 a selection step of selecting color information of image data,

designated by a user, from a plurality of image data displayed as a search result obtained by a search of the plurality of stored image data in the image database, wherein the search being performed on the basis the handwritten information received in said receive step;

 an image feature amount computing step of computing an image feature amount of an image drawn in a drawing area, including the color information of the image data selected in said selection step; and

 an image similarity computing step of computing an image similarity on the basis of the image feature amount computed in the image feature amount computing step and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 62 (previously presented): A computer readable memory for storing a program executing an image search method for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each image data of the plurality of stored image data stored in the image database, said program comprising:

 program code for receiving handwritten information;

 program code for selecting color information of image data,

designated by a user, from a plurality of displayed image data obtained by a search of the

plurality of stored image data stored in the image database, wherein the search being performed on the basis of the handwritten information received by said receiving program code;

program code for computing an image feature amount of an image drawn in a drawing area, including color information of the image data selected by said selection program code; and

program code for computing an image similarity on the basis of the image feature amount computed by said image feature amount computing program code and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 63 (previously presented): A program code for controlling an image search apparatus for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each of the plurality of stored image data stored in the image database, said program comprising:

program code for receiving a search condition;
program code for selecting image data, designated by a user, from a plurality of image data displayed as a result of a search, corresponding to the search condition, of the plurality of stored image data from the image database;
program code for obtaining an image feature amount of the image data selected by said selection step program code; and

program code for computing an image similarity on the basis of the image feature amount computed by said image feature amount computing program code and the image feature amounts of the plurality of stored image data stored in the image database;

Claim 64 (previously presented): A program code for controlling an image search apparatus for searching an image database for image data, the image database containing a plurality of stored image data in correspondence with image feature amounts for each of the plurality of stored image data stored in the image database, said program comprising:

program code for receiving handwritten information;
program code for selecting color information of image data, designated by a user, from a plurality of displayed image data obtained by a search of the plurality of stored image data stored in the image database, wherein the search being performed on the basis of the handwritten information received by said receive program code;

program code for computing an image feature amount of an image drawn in a drawing area, including color information of the image data selected by said selection program code; and

program code for computing an image similarity on the basis of the image feature amount computed by said image feature amount computing program code and the image feature amounts of the plurality of stored image data stored in the image database.

Claim 65 (new): A method according to claim 58,
wherein the image data selected in said selection step is copied in a
drawing area, and
wherein said image similarity computing step includes computing
the image similarity on the basis of an image feature amount, computed in said image
feature amount computing step, of the image data copied in the drawing area and the image
feature amounts of the plurality of stored image data stored in the image database.

Claim 66 (new): A method according to claim 65, further comprising the a
modifying step of modifying the image data copied in the drawing area,
wherein said image similarity computing step includes computing
the image similarity on the basis of an image feature amount, computed in said image
feature amount computing step, of the image data modified in said modifying step and the
image feature amounts of the plurality of stored image data stored in the image database.

Claim 67 (new): A method according to claim 65, wherein the plurality of
image data displayed in said display step is displayed on the basis of the image similarity
computed in said image similarity computing step.

Claim 68 (new): A method according to claim 58, wherein the drawing area
and the plurality of image data are displayed in the same window.